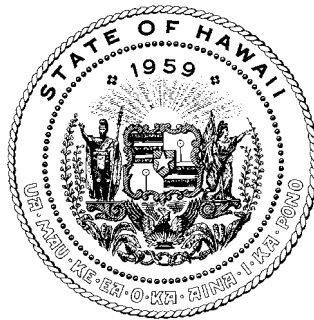


Progress Report to the Twenty-Third Legislature  
Interim Session of 2006

EMERGENCY RELIEF EXPENDITURES FOR NATURAL DISASTERS  
OCCURRING IN FEBRUARY AND MARCH 2006  
AND  
STATUS OF DAM SAFETY INSPECTIONS  
AND ASSESSMENTS



Prepared by the  
  
Department of Land and Natural Resources  
State of Hawaii  
  
in response to  
Section 24, Act 118, Session Laws of Hawaii 2006  
and  
Section 25, Act 118, Session Laws of Hawaii 2006  
  
July 2006

## **Emergency Relief Expenditures for Natural Disasters Occurring in February and March 2006**

This report is prepared pursuant to Section 24 of Act 118, Session Laws of Hawaii 2006, which calls for the Department of Land and Natural Resources to prepare progress reports to the Legislature no later than July 15, 2006, January 15, 2007, and July 15, 2007. The information contained in the reports shall:

1. Be organized by county;
2. Provide summaries of expenditure data on a statewide basis; and
3. Include:
  - a. The date of each expenditure;
  - b. The purpose and a description of each expenditure;
  - c. The identification of any recipient of payments from each expenditure; and
  - d. For funds not authorized by this Act but nevertheless used by any department or agency for the purposes of this Act:
    - (i) The source of those funds, by specific program;
    - (ii) The impact to the programs originally funded by those funds; and
    - (iii) The need for any emergency appropriations that resulted from the diversion of those funds.

This report covers expenditures up to June 30, 2006 and is submitted to satisfy the Legislative request due date of July 15, 2006.

DEPARTMENT OF LAND & NATURAL RESOURCES  
STORMS of FEBRUARY & MARCH 2006  
ACCOUNT SUMMARY  
AS OF JUNE 30, 2006

Appropriating Sections of Act 118, SLH 2006	
Section 7	5,000,000
Section 8	4,375,000
Section 9	3,000,000
Section 10	3,000,000
Section 11	1,275,000
Section 12	260,750
Section 13	1,346,500
Section 14	155,207
Section 15	1,200,000
Section 16	750,000
Section 17	115,800
SUBTOTAL	20,478,257

Act 178, SLH 2005 ( Supplemental Funding for Sections 13 and 14 of Act 118, SLH 2006)	
Section 124	1,355,207
SUBTOTAL	21,833,464

Expended & Encumbered					
Oahu	Kauai	Maui	Hawaii	Stwd	Total

					0
15,997					15,997
					0
23,333					23,333
341,041				180,000	521,041
26,700					26,700
399,817	507,032				906,849
					0
					0
					0
	41,300				41,300
806,888	548,332	0	0	180,000	1,535,220

154,369	1,200,000				1,354,369
961,257	1,748,332	0	0	180,000	2,889,589

Balance
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5,000,000
4,359,003
3,000,000
2,976,667
753,959
234,050
439,651
155,207
1,200,000
750,000
74,500
18,943,037

Details Attached
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Schedule A
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Schedule B
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Schedule C
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Schedule D
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Schedule E
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Schedule F
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Schedule G
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Other Program Funds Used	
LNR101, Public Lands Mgt	
LNR172, Forestry, Products Dev	
LNR401, Aquatic Resources	
LNR402, Forest & Wildlife Res	
LNR407, Natural Area Res & Mgt	
LNR801, Ocean-Based Rec	
LNR804, Forest Recreation	
LNR806, Park Dev & Operations	
LNR807, Park Interpretation	
	SUBTOTAL
DEPARTMENT TOTAL	

Expended & Encumbered					
Oahu	Kauai	Maui	Hawaii	Stwd	Total
5,273	50,245	2,210	2,950	4,756	65,434
	1,382			283	1,665
43	1,535				1,578
	360				360
	115				115
		173,034			173,034
	6,363				6,363
	15				15
96	8,052			292	8,440
5,412	68,067	175,244	2,950	5,331	257,004
966,669	1,816,399	175,244	2,950	185,331	3,146,593

Details  
Attached

Schedule H

Other Program Funds Used, Impact to the programs originally funded and the need for any emergency appropriations that resulted from the diversion of those funds

Expenditures for LNR 801 are for emergency repair at the Division of Boating and Ocean Recreation's Kihei Loading Dock. As a result of this diversion of funds, other scheduled repair and maintenance work will be delayed. The Division will pursue federal funding or any available excess emergency funding to reimburse its operating funds. Expenditures funded by LNR101 are charged to the Special Land and Development Fund which annually has a spending allocation for the maintenance of state lands. Other unfunded emergency expenses were relatively immaterial and were absorbed by their respective programs with no significant impact to operations.

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
Act 118, SLH 2006 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
OB	S-05-400	ENG002	Oahu	5/12/2006	TREES OF HAWAII, INC.	Repair- Parts & Labor		5,052.05	5,052.05	Kanaha Stream, debris removal
OB	S-05-400	ENG002	Oahu	6/26/2006	D & C PLUMBING, INC	Repair- Parts & Labor	10,945.13	-	10,945.13	Debris removal, Maunaloa
							10,945.13	5,052.05	15,997.18	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
Act 118, SLH 2006 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
10	S-05-402	ENG004	Oahu	3/27/2006	THE HOME DEPOT 1701	Repair- Parts & Labor		134.22	134.22	3/4-INCH PLYWOOD (MANOA) EMERG. PR
10	S-05-402	ENG004	Oahu	3/27/2006	CITY MILL COMPANY #5	Repair- Parts & Labor		259.90	259.90	manoa/buckets/green residence/dofaw
10	S-05-402	ENG004	Oahu	3/27/2006	SAFETY SYSTEMS HAWAII	Repair- Parts & Labor		309.37	309.37	manoa/sand bags/green residence/dofaw
10	S-05-402	ENG004	Oahu	3/27/2006	THE HOME DEPOT #1706	Repair- Parts & Labor		113.33	113.33	manoa/flumes/green residence/dofaw
10	S-05-402	ENG004	Oahu	3/27/2006	THE HOME DEPOT #1706	Repair- Parts & Labor		1,161.66	1,161.66	manoa/flumes/green residence/dofaw
10	S-05-402	ENG004	Oahu	3/29/2006	SAFETY SYSTEMS HAWAII	Repair- Parts & Labor		824.99	824.99	800 SANDBAGS (MANOA) EMERG. PRO
10	S-05-402	ENG004	Oahu	4/6/2006	SAFETY SYSTEMS HAWAII	Repair- Parts & Labor		572.91	572.91	500 SANDBAGS (MANOA) EMERG. PRO
10	S-05-402	ENG004	Oahu	4/17/2006	CITY MILL COMPANY #5	Repair- Parts & Labor		56.12	56.12	emergency - lumber to divert water
10	S-05-402	ENG004	Oahu	5/12/2006	EARTH TECH, INC.	Consultant Service		19,900.00	19,900.00	Rockslide assessment, Roundtop
							-	23,332.50	23,332.50	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
Act 118, SLH 2006 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
11	G-06-306	ENG005	Oahu	3/6/2006	HARDWARE HAWAII KANEOH	Miscellaneous		28.11	28.11	bolt cutter - kaaawa mudslide
11	G-06-306	ENG005	Oahu	3/10/2006	YAMASHIRO BLDG & SUPPL	Miscellaneous		63.21	63.21	push brooms - kaaawa mudslide
11	G-06-306	ENG009	Oahu	3/29/2006	SAFETY SYSTEMS HAWAII	Repair- Parts & Labor		206.25	206.25	200 SANDBAGS (MANOA) EMERG. PRO
11	G-06-306	ENG008	Oahu	4/6/2006	SAFETY SYSTEMS HAWAII	Repair- Parts & Labor		2,058.58	2,058.58	3 JERSEY BARRIERS/EMERG. FLD
11	G-06-306	ENG009	Oahu	4/6/2006	SAFETY SYSTEMS HAWAII	Repair- Parts & Labor		1,145.83	1,145.83	maunalaha/sand bags
11	G-06-306	ENG005	Oahu	4/13/2006	HYDROSEED HAWAII	Repair- Parts & Labor		3,000.00	3,000.00	Kaawa, Bonded fiber matrix
11	G-06-306	ENG005	Oahu	4/14/2006	KONG ENTERPRISES	Repair- Parts & Labor		351.25	351.25	equip rental - move excavator
11	G-06-306	ENG007	Oahu	4/14/2006	KONG ENTERPRISES	Repair- Parts & Labor		390.59	390.59	equip rental
11	G-06-306	ENG009	Oahu	4/14/2006	KONG ENTERPRISES	Repair- Parts & Labor		542.01	542.01	equip rental - maunalaha st repairs
11	G-06-306	ENG008	Oahu	5/3/2006	SAFETY SYSTEMS HAWAII, INC.	Repair- Parts & Labor		4,117.16	4,117.16	Water Barriers, Fasone
11	G-06-306	ENG008	Oahu	5/3/2006	SAFETY SYSTEMS HAWAII, INC.	Repair- Parts & Labor		6,861.94	6,861.94	Water Barriers, Fasone
11	G-06-306	ENG009	Oahu	5/3/2006	LEE, DICKEY	Repair- Parts & Labor		2,062.88	2,062.88	Corrugated sheets, Maunalaha
11	G-06-306	ENG008	Oahu	5/4/2006	EARTH TECH, INC.	Consultant Service	27,000.00	-	27,000.00	Rockfall mitigation, Booth Road
11	G-06-306	ENG008	Oahu	5/11/2006	JANOD INC.	Consultant Service		46,515.00	46,515.00	Slope Mitigation, Booth Road
11	G-06-306	ENG005	Oahu	5/11/2006	LEE, R. H. S., INC.	Repair- Parts & Labor		4,185.86	4,185.86	Debris Removal, Kaawa
11	G-06-306	ENG007	Oahu	5/11/2006	THE HOME DEPOT #1706	Repair- Parts & Labor		109.03	109.03	emergency - tools/mats to repair hauula
11	G-06-306	ENG007	Oahu	5/12/2006	PIONEER ACE HARDWARE L	Repair- Parts & Labor		19.96	19.96	emergency - concrete to repair hauula dit
11	G-06-306	ENG008	Oahu	5/22/2006	PUKIKI TREE SERVICE	Repair- Parts & Labor		13,020.84	13,020.84	Remove Tree, Fasone
11	G-06-306	ENG008	Oahu	5/22/2006	STATE WIRING & CONTRACTING	Repair- Parts & Labor		13,450.00	13,450.00	Repair, Booth Road
11	G-06-306	ENG008	Oahu	6/2/2006	STATE WIRING & CONTRACTING	Repair- Parts & Labor	400.00	13,050.00	13,450.00	Repair, Booth Road
11	G-06-306	ENG008	Oahu	6/7/2006	JANOD INC.	Repair- Parts & Labor	122,728.00	-	122,728.00	Rockfall barrier, Booth Road
11	G-06-306	ENG007	Oahu	6/9/2006	D & C PLUMBING, INC	Repair- Parts & Labor		2,198.69	2,198.69	Excavator, Hauula Ditch
11	G-06-306	ENG009	Oahu	6/9/2006	D & C PLUMBING, INC	Repair- Parts & Labor		35,800.00	35,800.00	Debris Removal, Maunalaha
11	G-06-306	ENG005	Oahu	6/26/2006	LAIE TRUCKING LLC	Repair- Parts & Labor		3,265.60	3,265.60	Haul rocks, Kaaawa
11	G-06-306	ENG005	Oahu	6/26/2006	D & C PLUMBING, INC	Repair- Parts & Labor	15,994.70	-	15,994.70	Debris Removal, Kaaawa
11	G-06-306	ENG008	Oahu	7/3/2006	EARTH TECH, INC.	Consultant Service		22,476.00	22,476.00	Geological support, Booth
			Oahu Total				166,122.70	174,918.79	341,041.49	
11	G-06-306	ENG006	State-wide	3/28/2006	FAQ, USAED, HONOLULU DISTRICT	Consultant Service		180,000.00	180,000.00	
			State-wide Total				-	180,000.00	180,000.00	
			Grand Total				166,122.70	354,918.79	521,041.49	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
Act 118, SLH 2006 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
12	G-06-307	FAW007	Oahu	5/19/2006	KWAN, CAROL CONSULTING	Consultant Service		3,059.88	3,059.88	Tree evaluation, Maunalaha
12	G-06-307	FAW007	Oahu	6/2/2006	KWAN, CAROL CONSULTING	Consultant Service		3,906.23	3,906.23	Tree evaluation, Roundtop
						Consultant Service Total	-	6,966.11	6,966.11	
12	G-06-307	FAW006	Oahu	Various	FORESTRY & WILDLIFE	Employee Payroll Total	-	9,851.13	9,851.13	ORD-O/T, HOL-O/T, N/G-DIFF, MEALS
12	G-06-307	FAW006	Oahu	4/7/2006	VARSITY MOTORS LIMITED	Repair- Parts & Labor		384.99	384.99	Vehicle SHA 917
12	G-06-307	FAW006	Oahu	7/3/2006	D & C PLUMBING, INC	Repair- Parts & Labor		9,497.46	9,497.46	Debris Removal, Puuhonua St
						Repair- Parts & Labor Total	-	9,882.45	9,882.45	
							-	26,699.69	26,699.69	



DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
Act 118, SLH 2006 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
13	G-06-308	PARK06	Kauai	6/1/2006	URS CORPORATION	Consultant Service	26,803.29	19,696.71	46,500.00	Engineering, Fern Grotto
13	G-06-308	PARK06	Kauai	3/27/2006	KAUAI ACE/BEN FRANKLIN	Miscellaneous		140.57	140.57	Action Packer/Caution Tape
13	G-06-308	PARK06	Kauai	3/30/2006	LUMBER CONNECTORS ETC	Miscellaneous		455.79	455.79	Lumber/Bolts - Fern Grotto Pier
13	G-06-308	PARK06	Kauai	4/3/2006	KAUAI LUMBER, INC.	Miscellaneous		661.25	661.25	Lumber Replacement for Ahukini Pier - Em
13	G-06-308	PARK06	Kauai	4/7/2006	SAFETY SYSTEMS HAWAII	Miscellaneous		242.03	242.03	Inv B149450 Safety equipment to visit fic
13	G-06-308	PARK06	Kauai	4/13/2006	TOOLMASTER HAWAII INC	Miscellaneous		92.70	92.70	100 SANDBAGS 14 "X26"
13	G-06-308	PARK06	Kauai	5/4/2006	WAL MART	Miscellaneous		46.74	46.74	Air Horn/Air Horn Refill
13	G-06-308	PARK06	Kauai	5/8/2006	M TANAKA STORE INC	Miscellaneous		19.95	19.95	Safety Haep & Hinges Fern Grotto
13	G-06-308	PARK03	Kauai	6/20/2006	KAUAI COMMERCIAL COMPANY, I	Miscellaneous	933.69	1,690.31	2,624.00	Rocks, Polihale Road
13	G-06-308	PARK06	Kauai	3/20/2006	THE HOME DEPOT 1705	Repair- Parts & Labor		800.68	800.68	Pneumatic Framing Nail/comp Kit
13	G-06-308	PARK06	Kauai	3/27/2006	THE HOME DEPOT 1705	Repair- Parts & Labor		186.46	186.46	1/2" Spade Handle Drill
13	G-06-308	PARK04	Kauai	4/10/2006	HONSADOR LUMBER, LLC	Repair- Parts & Labor		4,152.96	4,152.96	Lumber, Fern Grotto
13	G-06-308	PARK08	Kauai	4/10/2006	NIU CONSTRUCTION, INC	Repair- Parts & Labor		552.35	552.35	Cold Mix
13	G-06-308	PARK05	Kauai	4/17/2006	INTER-ISLAND HELIC	Repair- Parts & Labor		630.00	630.00	
13	G-06-308	PARK04	Kauai	4/26/2006	KAUAI BUILDERS LTD	Repair- Parts & Labor	70,934.05	-	70,934.05	Debris removal, fern Grotto
13	G-06-308	PARK05	Kauai	5/12/2006	INTER-ISLAND HELIC	Repair- Parts & Labor		1,540.00	1,540.00	
13	G-06-308	PARK08	Kauai	5/17/2006	NIU CONSTRUCTION, INC	Repair- Parts & Labor		545.02	545.02	Cold Mix
13	G-06-308	PARK06	Kauai	5/26/2006	JANOD INC.	Repair- Parts & Labor		36,211.64	36,211.64	Rock Demo, Fern Grotto
13	G-06-308	PARK03	Kauai	6/1/2006	KAUAI AGGREGATES	Repair- Parts & Labor		2,384.42	2,384.42	Rocks, Polihale Road
13	G-06-308	PARK03	Kauai	6/1/2006	KAUAI AGGREGATES	Repair- Parts & Labor		2,431.86	2,431.86	Rocks, Polihale Road
13	G-06-308	PARK03	Kauai	6/1/2006	KAUAI AGGREGATES	Repair- Parts & Labor		832.88	832.88	Rocks, Polihale Road
13	G-06-308	PARK06	Kauai	6/1/2006	JANOD INC.	Repair- Parts & Labor	33,673.60	166,326.40	200,000.00	Rock Demo, fern Grotto
13	G-06-308	PARK08	Kauai	6/2/2006	NIU CONSTRUCTION, INC	Repair- Parts & Labor		593.57	593.57	Cold Mix
13	G-06-308	PARK03	Kauai	6/8/2006	KAUAI AGGREGATES	Repair- Parts & Labor		2,431.86	2,431.86	Rocks, Polihale Road
13	G-06-308	PARK03	Kauai	6/9/2006	TANIGUCHI, ROGER INC.	Repair- Parts & Labor		80,439.63	80,439.63	Grade Polihale Road
13	G-06-308	PARK06	Kauai	6/30/2006	URS CORPORATION	Repair- Parts & Labor	50,000.00	-	50,000.00	Fern Grotto
13	G-06-308	PARK06	Kauai	4/5/2006	HAWAIIAN 17321095171090	Inter-Island Travel		158.20	158.20	S. Thompson-Kauai 4/3/06
13	G-06-308	PARK06	Kauai	4/6/2006	HAWAIIAN 17321028835800	Inter-Island Travel		158.20	158.20	S. Thompson-Kauai 4/5/06
13	G-06-308	PARK06	Kauai	4/10/2006	HAWAIIAN 17321029035333	Inter-Island Travel		158.20	158.20	S. Thompson-Kauai 4/7/06
13	G-06-308	PARK06	Kauai	4/17/2006	HAWAIIAN 17321029598041	Inter-Island Travel		158.20	158.20	S. Thompson-Kauai (4/18)-Rockfall damag
13	G-06-308	PARK06	Kauai	4/28/2006	HAWAIIAN 17321095500661	Inter-Island Travel		158.20	158.20	S. Thompson-Kauai (4/27)-Meeting re: Fe
13	G-06-308	PARK06	Kauai	4/28/2006	HAWAIIAN 17321095500650	Inter-Island Travel		158.20	158.20	Kevin Gooding-Kauai (4/27)-State geologi
13	G-06-308	PARK06	Kauai	5/4/2006	HAWAIIAN 17321095579120	Inter-Island Travel		158.20	158.20	S. Thompson-Kauai (5/3)-Meeting on safe
13	G-06-308	PARK06	Kauai	5/8/2006	HAWAIIAN 17321095623264	Inter-Island Travel		158.20	158.20	S. Thompson-Kauai (5/8)-Slope stabilizat

Act 118, SLH 2006 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
13	G-06-308	PARK06	Kauai	6/22/2006	FIRST HAWAIIAN BANK	Inter-Island Travel		316.40	316.40	Steve Thompson Travel
			<b>Kauai Total</b>				182,344.63	324,687.78	507,032.41	
13	G-06-308	PARK01	Oahu	5/5/2006	GOODFELLOW BROS., INC.	Consultant Service		207,197.10	207,197.10	Rockfall Mitigation, Diamond Head
13	G-06-308	PARK01	Oahu	5/11/2006	JANOD INC.	Consultant Service		32,000.00	32,000.00	Rockfall Mitigation, Diamond Head
13	G-06-308	PARK01	Oahu	5/26/2006	GP ROADWAY SOLUTIONS, INC.	Consultant Service		42,120.80	42,120.80	Traffic control, Diamond Head
13	G-06-308	PARK01	Oahu	6/2/2006	EARTH TECH, INC.	Consultant Service		18,486.14	18,486.14	Geological, Diamond Head
13	G-06-308	PARK09	Oahu	5/12/2006	GLADS LANDSCAPE & TREE	Miscellaneous		20.33	20.33	Tree Removal, Sacred Falls
13	G-06-308	PARK09	Oahu	5/1/2006	GLADS LANDSCAPE & TREE	Repair- Parts & Labor		23,958.18	23,958.18	Tree Removal, Sacred Falls
13	G-06-308	PARK09	Oahu	5/2/2006	GLADS LANDSCAPE & TREE	Repair- Parts & Labor		15,624.90	15,624.90	Tree Removal, Sacred Falls
13	G-06-308	PARK13	Oahu	5/18/2006	CHRIS' ROOFING	Repair- Parts & Labor	14,352.00		14,352.00	Re-roof Heeia Kea
13	G-06-308	PARK14	Oahu	6/13/2006	CHRIS' ROOFING	Repair- Parts & Labor		19,760.00	19,760.00	Re-roof Kahana Valley
13	G-06-308	PARK10	Oahu	6/20/2006	D & C PLUMBING, INC	Repair- Parts & Labor		26,297.73	26,297.73	Rock removal, Kahana & Trout Road
			<b>Oahu Total</b>				14,352.00	385,465.18	399,817.18	
			<b>Grand Total</b>				196,696.63	710,152.96	906,849.59	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
Act 118, SLH 2006 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
17	G-06-309	CARE02	Kauai	Various	CONSERVATION OFFICERS	Employee Payroll Total	-	39,742.45	39,742.45	ORD-O/T, HOL-O/T, N/S-DIFF, MEALS
17	G-06-309	CARE02	Kauai	3/31/2006	PACIFIC WIRELESS COMM.	Miscellaneous		501.30	501.30	five portable batteries for Saber radio nec
						Miscellaneous Total	-	501.30	501.30	
17	G-06-309	CARE02	Kauai	3/31/2006	PACIFIC WIRELESS COMM.	Repair- Parts & Labor		687.50	687.50	Kilauea Repeater repair during flooding
17	G-06-309	CARE01	Kauai	4/4/2006	MIDPAC AUTO CENTER	Repair- Parts & Labor		368.36	368.36	Rear window repair SH A432 Ingram durin
						Repair- Parts & Labor Total	-	1,055.86	1,055.86	
							-	41,299.61	41,299.61	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
Act 178, SLH 2005 Section	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
124	G-06-323	PARK06	Kauai	6/21/2006	JANOD INC.	Repair- Parts & Labor	1,100,000.00	-	1,100,000.00	Fern Grotto
124	G-06-323	PARK06	Kauai	6/30/2006	URS CORPORATION	Repair- Parts & Labor	100,000.00	-	100,000.00	Fern Grotto
			Kauai Total				1,200,000.00	-	1,200,000.00	
124	G-06-323	BOR001	Oahu	4/4/2006	AMAZON CONSTRUCTION CO., INC	Repair- Parts & Labor		6,000.00	6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR001	Oahu	4/4/2006	AMAZON CONSTRUCTION CO., INC	Repair- Parts & Labor		6,000.00	6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR002	Oahu	4/7/2006	AMAZON CONSTRUCTION CO	Repair- Parts & Labor		1,562.50	1,562.50	Forklift rental and driver
124	G-06-323	BOR001	Oahu	4/10/2006	AMAZON CONSTRUCTION CO., INC	Repair- Parts & Labor		6,000.00	6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR001	Oahu	4/10/2006	AMAZON CONSTRUCTION CO., INC	Repair- Parts & Labor		6,000.00	6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR002	Oahu	5/12/2006	PACIFIC ENVIRONMENTAL CORP.	Repair- Parts & Labor		57,599.35	57,599.35	Ala Wai SBH, Trash removal
124	G-06-323	BOR003	Oahu	5/19/2006	ALAKONA CORPORATION	Repair- Parts & Labor		22,594.00	22,594.00	Paving, SBH
124	G-06-323	BOR004	Oahu	5/19/2006	ALAKONA CORPORATION	Repair- Parts & Labor		10,000.00	10,000.00	Paving, SBH
124	G-06-323	BOR005	Oahu	5/19/2006	ALAKONA CORPORATION	Repair- Parts & Labor		10,000.00	10,000.00	Paving, SBH
124	G-06-323	BOR006	Oahu	5/19/2006	ALAKONA CORPORATION	Repair- Parts & Labor		18,613.00	18,613.00	Paving, SBH
124	G-06-323	BOR007	Oahu	5/19/2006	ALAKONA CORPORATION	Repair- Parts & Labor		10,000.00	10,000.00	Paving, SBH
			Oahu Total				-	154,368.85	154,368.85	
			Grand Total				1,200,000.00	154,368.85	1,354,368.85	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS of FEBRUARY & MARCH 2006										
TRANSACTION DETAILS										
AS OF JUNE 30, 2006										
OTHER FUNDS	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
LNR101	S-06-318	ENG014	Hawaii	4/7/2006	HAWAIIAN 17321028951624	Inter-Island Travel		186.20	186.20	k ho/hawaii dam inspections/4-7-06
LNR101	S-06-318	ENG014	Hawaii	3/27/2006	HAWAIIAN	Miscellaneous		33.42	33.42	AIR FREIGHT (KONA) HAWAII DAM REPORT
LNR101	S-06-318	ENG014	Hawaii	5/3/2006	K & S HELICOPTERS, INC.	Helicopter Rental		2,730.00	2,730.00	Big Island Dam Inspect 4/6/06
			<b>Hawaii Total</b>				-	2,949.62	2,949.62	
LNR807	S-06-312	ENG017	Kauai	5/3/2006	CLAYTON GROUP SERVICES, INC.	Consultant Service		8,051.78	8,051.78	Inspect, Kekaha Herbicide
Various			Kauai	Various	DLNR Employees	Employee Payroll		37,202.32	37,202.32	ORD-O/T, HOL-O/T, N/S-DIFF, MEALS
Various			Kauai	Various	DLNR Employees	Inter-Island Travel		10,128.78	10,128.78	AIR, PER DIEM, PARKING
LNR101	S-06-318	ENG014	Kauai	3/22/2006	HAWAIIAN	Miscellaneous		36.36	36.36	AIR FREIGHT KAUAI DAM REPORTS EMERG
LNR101	S-06-318	ENG015	Kauai	3/22/2006	AIRGAS GASPRO #2	Miscellaneous		41.18	41.18	JACKET & PONCHO (RANCE) EMERG. PROC
LNR101	S-06-318	ENG014	Kauai	4/24/2006	HAWAII BLUEPRINT	Miscellaneous		265.86	265.86	EMERG. PROCLAMATION MAR. 2006 FLOC
LNR101	S-06-318	ENG014	Kauai	5/3/2006	POWERS, CURTIS D.	Miscellaneous		72.74	72.74	
LNR806	G-06-086	ENG015	Kauai	6/6/2006	SAKEVYCH, MARINA	Miscellaneous	14.64	-	14.64	
LNR101	S-06-318	ENG015	Kauai	4/20/2006	SAFETY SYSTEMS HAWAII	Repair- Parts & Labor		74.37	74.37	SAFETY VESTS, EMERG PROC.
LNR101	S-06-318	ENG018	Kauai	5/19/2006	KOBAYASHI TRUCKING & EQUIPM	Repair- Parts & Labor		3,000.00	3,000.00	Backfill sand, Ke'e Beach
LNR401	G-06-041	DAR001	Kauai	6/23/2006	INTER-ISLAND HELIC	Helicopter Rental	858.60	-	858.60	Wailapa Stream Survey
LNR101	S-06-318	ENG021	Kauai	6/26/2006	All Pacific Tree Experts	Repair- Parts & Labor	8,320.00	-	8,320.00	Tree removal
			<b>Kauai Total</b>				9,193.24	58,873.39	68,066.63	
LNR801	S-06-249	BOR010	Maui	6/1/2006	OKUBO, ARNOLD T. AND	Consultant Service	2,300.00	20,700.00	23,000.00	Engineering, Kihei loading dock
Various			Maui	Various	DLNR Employees	Employee Payroll		591.56	591.56	ORD-O/T, HOL-O/T, N/S-DIFF, MEALS
Various			Maui	Various	DLNR Employees	Inter-Island Travel		632.80	632.80	AIR, PER DIEM, PARKING
LNR101	S-06-318	ENG014	Maui	3/27/2006	HAWAIIAN	Miscellaneous		35.80	35.80	AIR FREIGHT MAUI DAM REPORTS EMERG
LNR801	S-06-359	BOR011	Maui	6/1/2006	CASTLE & COOKE RESORTS, LLC	Miscellaneous		713.91	713.91	Gravel for road repair, Manele
LNR101	S-06-318	ENG014	Maui	5/3/2006	PACIFIC HELICOPTER SERVICES,	Repair- Parts & Labor		950.00	950.00	Maui, Dam Inspect 4/03/06
LNR801	S-06-249	BOR010	Maui	6/7/2006	SEA ENGINEERING, I	Repair- Parts & Labor	149,320.00	-	149,320.00	Loading Dock Kihei
			<b>Maui Total</b>				151,620.00	23,624.07	175,244.07	
LNR807	S-06-312	ENG016	Oahu	5/3/2006	CLAYTON GROUP SERVICES, INC.	Consultant Service		2,419.26	2,419.26	Inspect, Ewa Herbicide
LNR807	S-06-312	ENG017	Oahu	6/9/2006	CLAYTON GROUP SERVICES, INC.	Consultant Service		5,729.13	5,729.13	Inspect, Kekaha Herbicide
LNR807	S-06-312	ENG017	Oahu	7/3/2006	CLAYTON GROUP SERVICES, INC.	Consultant Service		(8,051.78)	(8,051.78)	Reverse Erroneous Charge
Various			Oahu	Various	DLNR Employees	Employee Payroll		5,252.32	5,252.32	ORD-O/T, HOL-O/T, N/S-DIFF, MEALS
LNR401	G-06-041	ENG015	Oahu	4/25/2006	LONGS DRUG STORES #453	Miscellaneous		43.44	43.44	Safety Supplies for Ala Wai Surveys
LNR101	S-06-318	ENG014	Oahu	6/9/2006	KWAN, CAROL CONSULTING LLC	Miscellaneous		20.33	20.33	
			<b>Oahu Total</b>				-	5,412.70	5,412.70	
Various			State-wide	Various	DLNR Employees	Employee Payroll		3,713.66	3,713.66	ORD-O/T, HOL-O/T, N/S-DIFF, MEALS
LNR101	S-06-318	ENG014	State-wide	5/22/2006	HAWAII BLUEPRINT & SUPPLY	Miscellaneous		16.80	16.80	

OTHER FUNDS	APPRN	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	ENCUMBERED	EXPENDED	TOTAL	DESCRIPTION
LNR101	S-06-318	ENG014	State-wide	5/22/2006	HAWAII BLUEPRINT & SUPPLY	Miscellaneous		1,599.99	1,599.99	
			State-wide Total				-	5,330.45	5,330.45	
			Grand Total				160,813.24	96,190.23	257,003.47	

## **Status of Dam Safety Inspections and Assessments**

This report is prepared pursuant to Section 25 of Act 118, Session Laws of Hawaii 2006, which calls for the Department of Land and Natural Resources to prepare progress reports to the Legislature no later than July 15, 2006, January 15, 2007, and July 15, 2007 that include:

- (1) A list of dams for which inspections have been completed;
- (2) A list of dams that are currently in the process of being inspected; and
- (3) A list of dams that have not yet been inspected.,

and covers the period from May 22 through June 30, 2006.

### **1. Objectives:**

- Hire consultants to conduct surveys, studies, and assessments of dams and reservoirs statewide to determine their current physical integrity.
- Recommend future structural needs and identify potential effects or threats to areas around and downstream of the dams and reservoirs.

### **2. Status:**

#### **A. List of dams for which inspections have been completed:**

The United States Army Corps of Engineers and the Department of Land and Natural Resources (Department) completed limited emergency visual dam inspections of all regulated dams on the Department's inventory, during the months of March and April 2006. These inspections were intended to determine whether there existed an imminent danger to life and property based on the dam or reservoir conditions at the time of the inspections. Please see the attached listing of dams inspected by county.

Using the limited emergency visual inspection information gathered, the Department along with the dam owners, plan to follow up and conduct further detailed inspections and investigations.

#### **B. List of dams that are currently in the process of being inspected:**

The Department has already conducted visual inspections of all dams across the State and are working on a program for further inspections using funding that the Legislature appropriated in the recent session. All reports are posted on the Department's website at <http://www.state.hi.us/dlnr/Welcome.html>

Future actions are as follows:

- Conduct additional detailed physical investigations of regulated dams. Develop a simple risk allocation model for use in prioritizing additional investigations. (In-progress).
- Investigate and solicit services from consultants and government agencies. (In-progress).

**C. List of dams that have not yet been inspected:**

All regulated dams across the State have been visually inspected by the Department's staff and the Army Corp of Engineers. The Department, along with the dam owners, plan to follow up and conduct further detailed inspections and investigations. All reports are posted on the Department's website.



## Hawaii County

### DAM

50 MG WAIKOLOA RESERVOIR  
50 MG WAIKOLOA RESERVOIR 2  
50 MG WAIKOLOA RESERVOIR 3  
60 MG WAIMEA RESERVOIR  
E-13 RESERVOIR  
HAWI NO. 3 RESERVOIR  
HAWI NO.5 RESERVOIR  
KEAIWA RESERVOIR  
KEHENA RESERVOIR  
LALAKEA RESERVOIR  
PAAUILO RESERVOIR  
PUUKAPU RESERVOIR  
PUUKAPU WATERSHED RETARDING DAM R-1

### OWNER

HAWAII COUNTY - WATER DEPT  
HAWAII COUNTY - WATER DEPT  
HAWAII COUNTY - WATER DEPT  
STATE OF HAWAII - DHHL: Operated by DOA  
KAMEHAMEHA SCHOOLS  
KAMEHAMEHA SCHOOLS  
SURETY KOHALA CORP. / STATE - DLNR  
EDMOND OLSON TRUST  
PARKER RANCH  
KAMEHAMEHA SCHOOLS  
STATE OF HAWAII - DEPT. OF AG  
STATE OF HAWAII - DHHL: Operated by DOA  
STATE OF HAWAII - DLNR

## Oahu County

### DAM

HALEMANO 06 RESERVOIR  
HALEMANO 16 RESERVOIR  
Kaneohe DAM  
KEMOO 5 RESERVOIR  
KU TREE RESERVOIR  
NUUANU DAM NO. 4  
OAHU RESERVOIR NO. 155  
OPAEULA 01 RESERVOIR  
OPAEULA 02 RESERVOIR  
OPAEULA 15 RESERVOIR  
RESERVOIR 510  
RESERVOIR 530  
RESERVOIR 545A  
UPPER HALEMANO RESERVOIR  
WAHIAWA DAM  
WAIMANALO 60 MG RESERVOIR

### OWNER

DOLE FOOD CO HAWAII  
DOLE FOOD CO HAWAII  
C&C HONOLULU DEPT OF FACILITY MAINTENANCE  
DOLE FOOD CO HAWAII  
U.S.A. - DEPT OF DEFENSE  
HONOLULU BOARD OF WATER SUPPLY  
THE ESTATE OF JAMES CAMPBELL  
KAMEHAMEHA SCHOOLS  
KAMEHAMEHA SCHOOLS  
KAMEHAMEHA SCHOOLS  
KAMEHAMEHA SCHOOLS / GENTRY  
KAMEHAMEHA SCHOOLS / GENTRY  
KAMEHAMEHA SCHOOLS / GENTRY  
DOLE FOOD CO HAWAII  
DOLE FOOD CO HAWAII  
STATE OF HAWAII - DEPT. OF AG

## Kauai County

### DAM

AAHOAKA RESERVOIR  
AEPO RESERVOIR  
AEPOALUA RESERVOIR  
AEPOEHA RESERVOIR  
AEPOEKOLU RESERVOIR  
AHUKINI RESERVOIR  
AII RESERVOIR  
ALEXANDER DAM  
ELIMA RESERVOIR  
ELUA RESERVOIR  
FIELD 1 KEALIA RESERVOIR  
FIELD 2 KEALIA RESERVOIR  
HALAMANU FIELD 21  
HALENANAHU RESERVOIR  
HUINAWAI RESERVOIR  
HUKIWAI RESERVOIR  
IOLEAU RESERVOIR  
IPUOLONO RESERVOIR  
KAAWANUI RESERVOIR  
KALIHAIWAI RESERVOIR  
KANEHA RESERVOIR  
KAPA RESERVOIR  
KAPAIA RESERVOIR  
KAUPALE RESERVOIR  
KEPANI RESERVOIR  
KITANO RESERVOIR  
KOLOKO RESERVOIR  
KUMANO RESERVOIR  
LOWER ANAHOLA RESERVOIR  
LOWER KAPAHI RESERVOIR  
MANA RESERVOIR  
MANUHONUHONU RESERVOIR  
MAU RESERVOIR  
MAUKA RESERVOIR  
MIMINO RESERVOIR  
MORITA RESERVOIR  
OKINAWA RESERVOIR  
OMAO RESERVOIR  
PAPUAA RESERVOIR  
PIA MILL RESERVOIR  
PIWAI RESERVOIR  
PUU KA ELE RESERVOIR  
PUU LUA RESERVOIR  
PUU O HEWA RESERVOIR  
PUU OPAAE RESERVOIR  
TWIN RESERVOIR  
UPPER ANAHOLA RESERVOIR  
UPPER KAPAHI RESERVOIR  
  
WAIAKALUA RESERVOIR  
WAIKAIA RESERVOIR  
WAIKOLOI RESERVOIR  
WAILUA RESERVOIR  
WAITA RESERVOIR

### OWNER

STATE OF HAWAII - DLNR  
A & B PROPERTIES  
A & B PROPERTIES  
A & B PROPERTIES  
A & B PROPERTIES  
GROVE FARM CO  
GROVE FARM CO  
KAUAI COFFEE CO  
KAUAI COFFEE CO  
KAUAI COFFEE CO  
STATE OF HAWAII - DLNR  
STATE OF HAWAII - DLNR  
STATE OF HAWAII - DLNR  
GROVE FARM CO  
A & B PROPERTIES  
KAUAI COFFEE CO  
KAUAI COFFEE CO  
KAUAI COFFEE CO  
GAY & ROBINSON  
KALIHAIWAI RIDGE COMMUNITY ASSOCIATION  
CORNERSTONE HAWAII HOLDINGS, (KAUAI RANCH)  
KAUAI COFFEE CO  
GROVE FARM CO  
A & B PROPERTIES  
GAY & ROBINSON  
STATE OF HAWAII DLNR / AG-ADC  
MARY N. LUCAS ESTATE  
A & B PROPERTIES  
STATE OF HAWAII - DLNR  
STATE OF HAWAII - DLNR  
STATE OF HAWAII DLNR / AG-ADC  
A & B PROPERTIES  
KAUAI COFFEE CO  
KNUDSEN TRUST  
CORNERSTONE HAWAII HOLDINGS, (KAUAI RANCH)  
MARY N. LUCAS ESTATE  
GROVE FARM CO  
A & B PROPERTIES  
GROVE FARM CO  
KNUDSEN TRUST  
A & B PROPERTIES  
JURASIC KAHILI RANCH  
STATE OF HAWAII DLNR / KEKAHA AG ASSOC  
KNUDSEN TRUST  
STATE OF HAWAII DLNR / KEKAHA AG ASSOC  
BETTE MIDLER TRUST, GEORGE HOFFBERG, LEONARD KAUI  
STATE OF HAWAII - DLNR  
STATE OF HAWAII - DLNR  
KILAUEA FARMS COMMUNITY ASSOCIATION, WILLIAM FLAHERTY,  
COLLEEN ROMANO  
GAY & ROBINSON  
GAY & ROBINSON  
STATE OF HAWAII - DLNR  
GROVE FARM CO

**DAM**  
HAIKU RESERVOIR  
HANAKA AO RESERVOIR  
HAPPY VALLEY FLOOD PREVENTION  
HONOKOWAI - STRUCTURE #8  
HONOKOWAI RESERVOIR  
HONOLUA-ML&P (Upper Field 14)  
HORN ER RESERVOIR  
KAHAKAPAO TWIN RESERVOIRS  
KAHANA DAM  
KAHOMA RESERVOIR  
KAILIILI RESERVOIR  
KAPALAALAEA RESERVOIR  
KAUPAKULUA RESERVOIR  
KOAPALA BASIN  
KOLEA RESERVOIR  
KUALAPUU RESERVOIR  
MAUI COUNTY WATER WEST  
MAUI FIELD 290 RESERVOIR  
MIDDLE FIELD 14  
NAPILI 2-3 DESILTING BASIN  
NAPILI 4-5 DESILTING BASIN  
OLINDA RESERVOIR  
PAPAAEA RESERVOIR  
PAUWELA RESERVOIR  
PEAHI RESERVOIR  
PIIHOLO 50 MG RESERVOIR  
PUKALANI RESERVOIR (PK Reservoir)  
RESERVOIR 14  
RESERVOIR 15  
RESERVOIR 20  
RESERVOIR 21  
RESERVOIR 22  
RESERVOIR 24  
RESERVOIR 25  
RESERVOIR 30  
RESERVOIR 33  
RESERVOIR 40  
RESERVOIR 42  
RESERVOIR 52  
RESERVOIR 60  
RESERVOIR 61  
RESERVOIR 70  
RESERVOIR 73  
RESERVOIR 74  
RESERVOIR 80  
RESERVOIR 81  
RESERVOIR 82  
RESERVOIR 84  
RESERVOIR 90  
RESERVOIR 92  
UPPER FIELD 30 RESERVOIR  
WAHIKULI RESERVOIR  
WAIKAMO I DAM NO. 2  
WAILUKU DETENSION BASIN - "KEHALANI"

EAST MAUI IRRIGATION CO  
PIONEER MILL CO  
MAUI COUNTY- DEPT. OF PUBLIC WORKS  
MAUI COUNTY- DEPT. OF PUBLIC WORKS  
MAUI LAND & PINE CO  
MAUI LAND & PINE CO  
PIONEER MILL CO  
MAUI COUNTY- WATER DEPT.  
MAUI COUNTY- DEPT. OF PUBLIC WORKS  
WEST MAUI LAND CO.  
MAUI LAND & PINE CO  
EAST MAUI IRRIGATION CO  
EAST MAUI IRRIGATION CO  
MAUI COUNTY- DEPT. OF PUBLIC WORKS  
EAST MAUI IRRIGATION CO  
STATE OF HAWAII - DEPT. OF AG.  
MAUI COUNTY DEPT. OF WATER SUPPLY  
MAUI LAND & PINE CO  
MAUI LAND & PINE CO  
MAUI COUNTY- DEPT. OF PUBLIC WORKS  
MAUI COUNTY- DEPT. OF PUBLIC WORKS  
MAUI COUNTY- WATER DEPT.  
EAST MAUI IRRIGATION CO  
EAST MAUI IRRIGATION CO  
EAST MAUI IRRIGATION CO  
MAUI COUNTY- WATER DEPT.  
MAUI LAND & PINE CO  
HAWAII COMMERCIAL & SUGAR CO  
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HAWAII COMMERCIAL & SUGAR CO  
MAUI LAND & PINE CO  
WEST MAUI LAND CO.  
MAUI COUNTY- WATER DEPT.  
STANFORD CARR